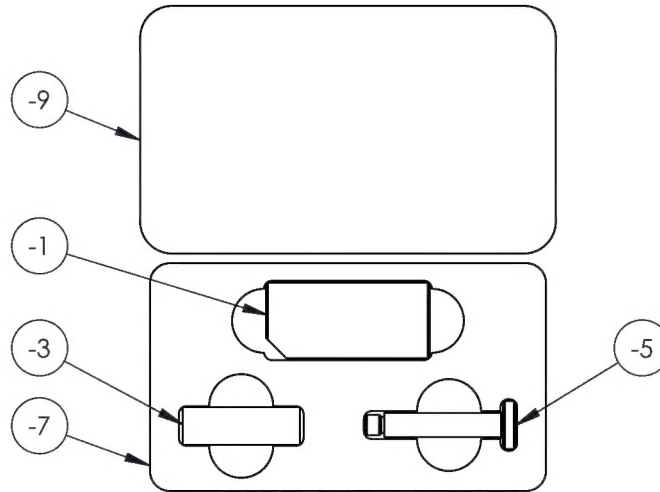


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	8/12/2016	RJC	JAG



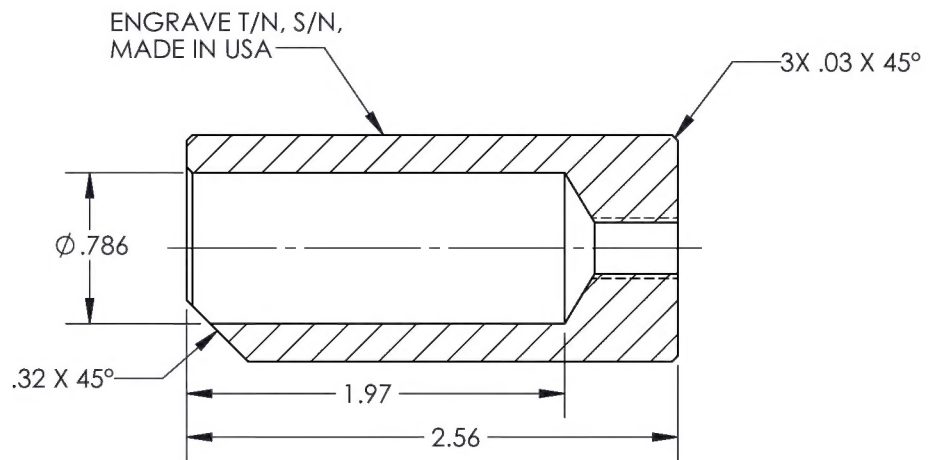
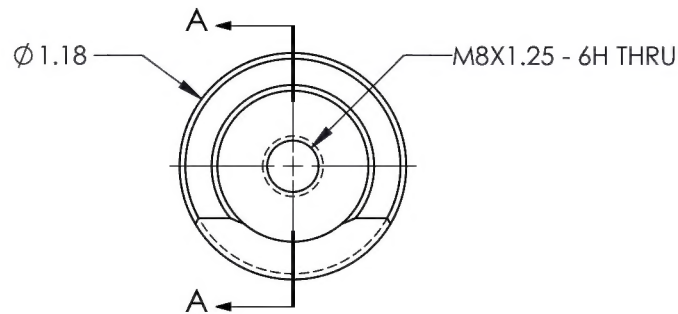
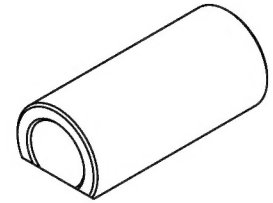
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REF. EUROCOPTER T/N 105-31702W12.

DART AEROSPACE															
TITLE PUSHING-OUT TOOL															
DWG NO. RBE105-31702W12	REV 1														
<table border="1"> <tr> <td>MAT'L</td> <td rowspan="4"> <small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125°</small> </td> </tr> <tr> <td>HEAT TREAT</td> </tr> <tr> <td>FINISH</td> </tr> <tr> <td>SPEC</td> </tr> <tr> <td>DRAWN BY: CLOUGH</td> <td rowspan="4"> <small>1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009</small> </td> </tr> <tr> <td>CHECKED: DUERFELDT</td> </tr> <tr> <td>OPPS APPR: ANDERSON</td> </tr> <tr> <td>QA APPR: LINDSAY</td> </tr> <tr> <td>APPROVED: GILBERT</td> <td>USED ON MODEL EC145</td> </tr> <tr> <td>SCALE 1:3</td> <td>DATE 1/14/2016 SHEET 1 OF 6</td> </tr> </table>		MAT'L	<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125°</small>	HEAT TREAT	FINISH	SPEC	DRAWN BY: CLOUGH	<small>1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009</small>	CHECKED: DUERFELDT	OPPS APPR: ANDERSON	QA APPR: LINDSAY	APPROVED: GILBERT	USED ON MODEL EC145	SCALE 1:3	DATE 1/14/2016 SHEET 1 OF 6
MAT'L	<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125°</small>														
HEAT TREAT															
FINISH															
SPEC															
DRAWN BY: CLOUGH	<small>1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009</small>														
CHECKED: DUERFELDT															
OPPS APPR: ANDERSON															
QA APPR: LINDSAY															
APPROVED: GILBERT	USED ON MODEL EC145														
SCALE 1:3	DATE 1/14/2016 SHEET 1 OF 6														

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	SUPPORT	A36/1018/1020 HR		2
			-3	1	GUIDE TUBE	A36/1018/1020 HR		3
			-5	1	DRIFT	4140/4142		4
		B/O	-7	1	BOTTOM FOAM	ETHAFOAM 220, BLACK	1.90 X 3.56 X 6.18 (CASE SOLUTIONS)	5
		B/O	-9	1	TOP FOAM	ETHAFOAM 220, BLACK	.75 X 3.87 X 6.49 (CASE SOLUTIONS)	6
		B/O	-11	1	CASE	PLASTIC	PELICAN CASE #APP-1050-E	N/S
		B/O		1	DART PLACARD	ALUMINUM	RB41011	N/S

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REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



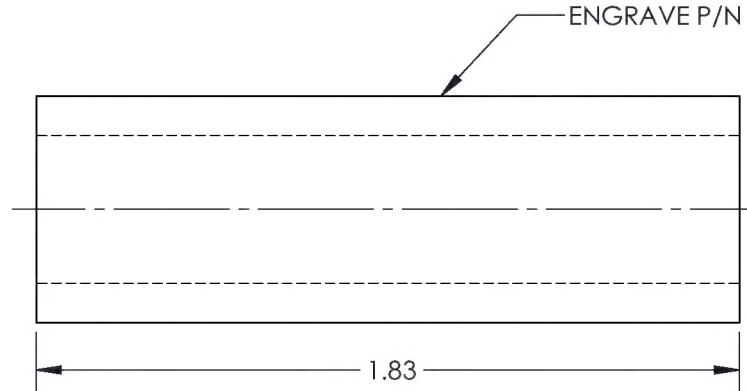
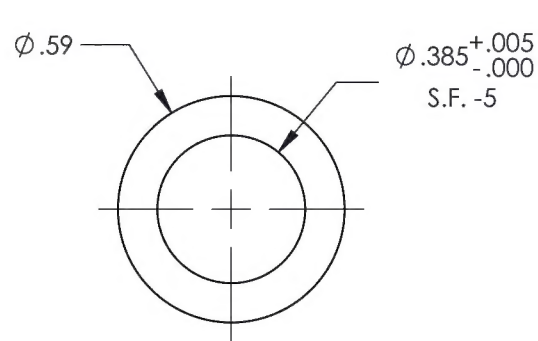
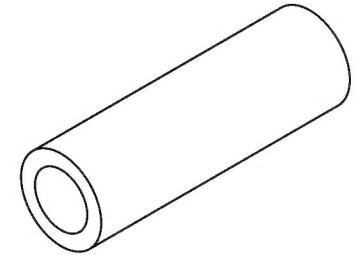
SECTION A-A

(-1)
SUPPORT

DART AEROSPACE	
TITLE PUSHING-OUT TOOL	
DWG NO. RBE105-31702W12-1	REV 1
MAT'L A36/1018/1020 HR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX ± .005 FRACTIONS ± 1/8
SPEC ASTM B633 TYPE I SC 2	.XX ± .01 ANGLES ± 5°
DRAWN BY: CLOUGH	.X ± .1 SURFACES = 125°
CHECKED: DUERFELDT	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 1/14/2016	USED ON MODEL
	EC145
	SHEET 2 OF 6

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				APPROVED

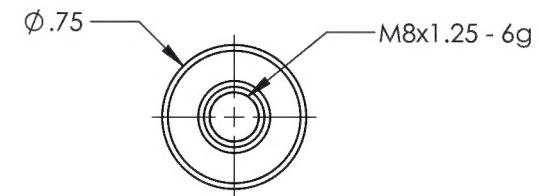
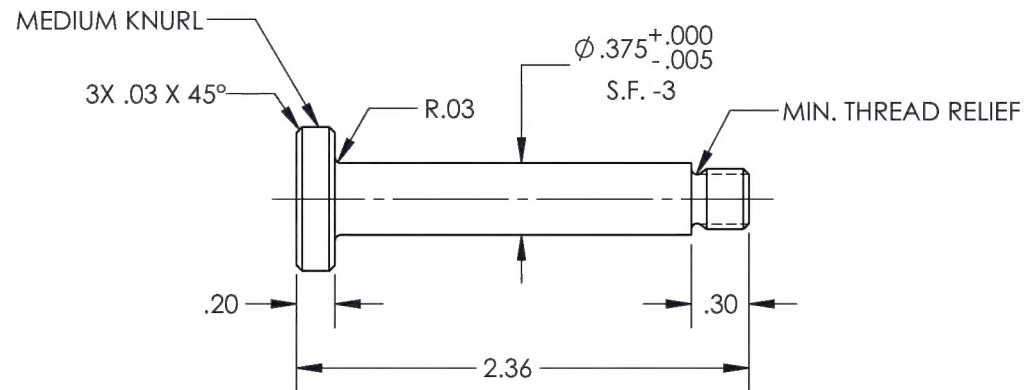
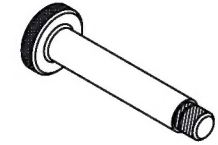


(-3)
GUIDE TUBE

DART AEROSPACE	
TITLE PUSHING-OUT TOOL	
DWG NO. RBT105-31702W12-3	REV 1
MAT'L A36/1018/1020 HR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX ± .005 FRACTIONS ± 1/8
SPEC ASTM B633 TYPE I SC 2	.XX ± .01 ANGLES ± .5°
DRAWN BY: CLOUGH	.X ± .1 SURFACES = 125
CHECKED: DUERFELDT	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 2:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 1/14/2016	USED ON MODEL
	EC145
	SHEET 3 OF 6

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				APPROVED



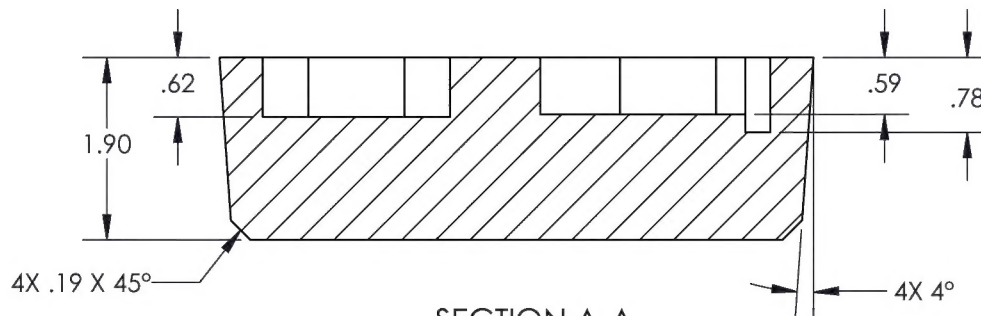
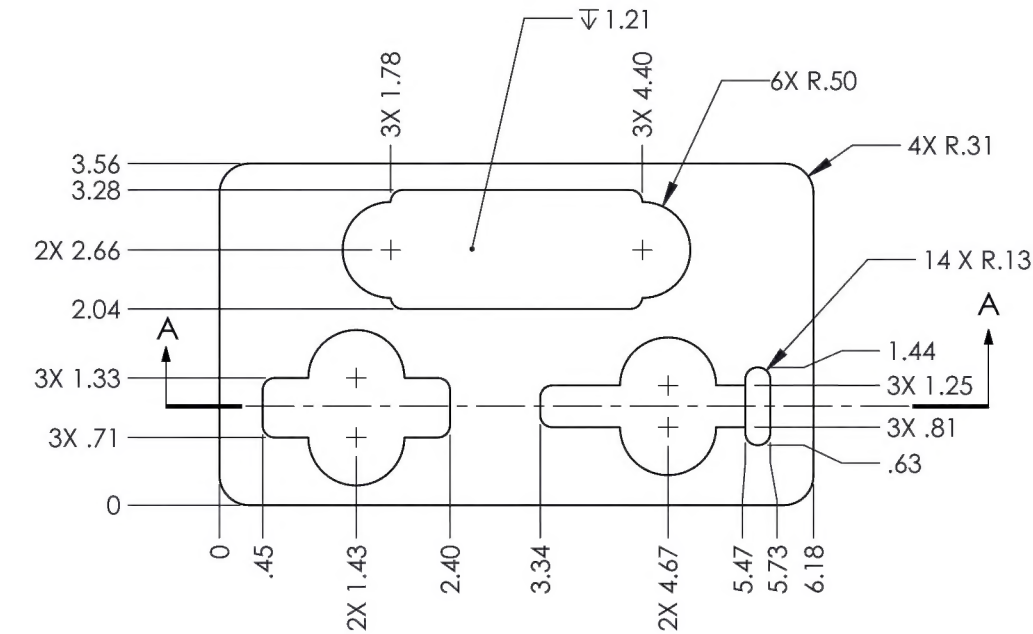
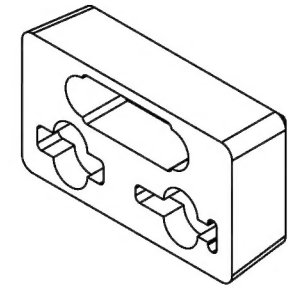
(-5)

DRIFT

DART AEROSPACE	
TITLE PUSHING-OUT TOOL	
DWG NO. RBE105-31702W12-5	REV 1
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED
HEAT TREAT RC 28-32	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX ± .005 FRACTIONS ± 1/8
SPEC ASTM B633 TYPE I SC 2	.XX ± .01 ANGLES ± 5°
DRAWN BY: CLOUGH	.X ± .1 SURFACES = 125°
CHECKED: DUERFELDT	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
	USED ON MODEL
	EC145
SCALE 1:1	DATE 1/14/2016
	SHEET 4 OF 6

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REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED	



SECTION A-A

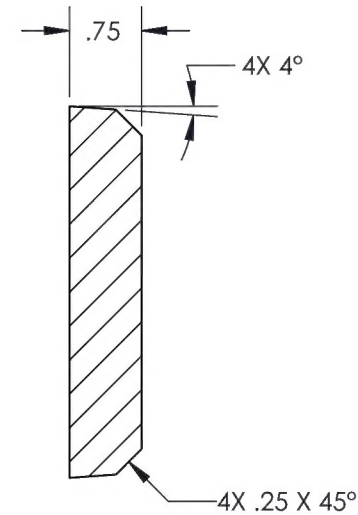
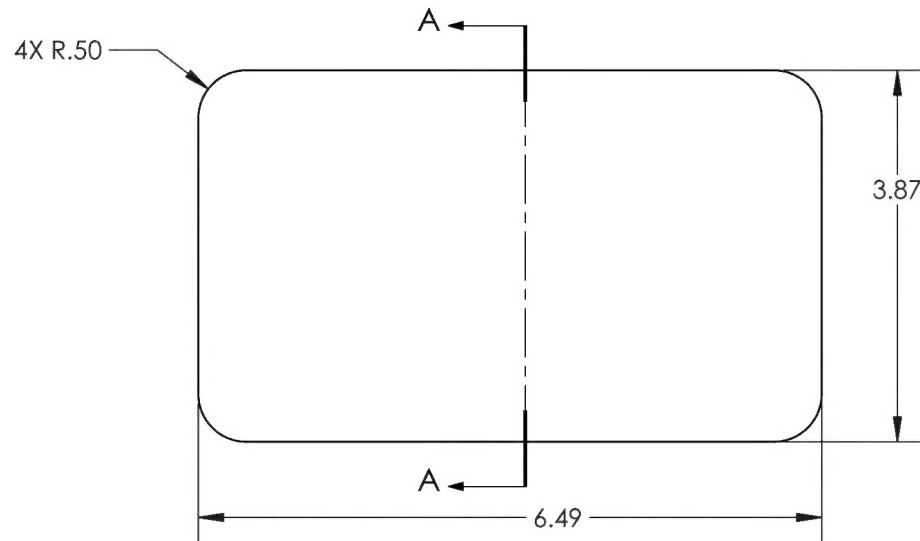
(7)

BOTTOM FOAM

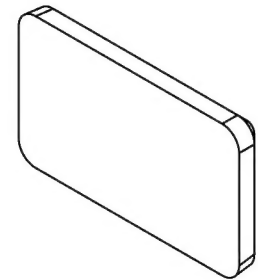
DART AEROSPACE	
TITLE PUSHING-OUT TOOL	
DWG NO. RBE105-31702W12-7	REV 1
MAT'L ETHAFOAM 220, BLACK	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .010 FRACTIONS ± 1/8
FINISH	.XX ± .03 ANGLES ± 1°
SPEC	.X ± .1 SURFACES = 125°
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	EC145
SCALE 1:2	DATE 1/14/2016
SHEET 5 OF 6	

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				APPROVED



SECTION A-A



(-9)
TOP FOAM

DART AEROSPACE	
TITLE PUSHING-OUT TOOL	
DWG NO. RBE105-31702W12-9	REV 1
MAT'L ETHAFOAM 220, BLACK	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .010 FRACTIONS ± 1/8
FINISH	.XX ± .03 ANGLES ± 1°
SPEC	.X ± .1 SURFACES = 125° ✓
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	EC145
SCALE 1:2	DATE 1/14/2016
SHEET 6 OF 6	